



| Bakelite® PF 4041 | | | |
|--|--------------|-------------------------------|----------------------|
| PF-GF | | Momentive Specialty Chemicals | |
| Rheological properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Molding shrinkage, parallel | 0.3 | % | ISO 294-4, 2577 |
| Mechanical properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Charpy impact strength (+23°C) | 12.5 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 4 | kJ/m ² | ISO 179/1eA |
| Flexural modulus (23°C) | 10500 | MPa | ISO 178 |
| Thermal properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Temp. of deflection under load, 8.00 MPa | 165 | °C | ISO 75-1/-2 |
| Electrical properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Relative permittivity, 100Hz | 6 | - | IEC 60250 |
| Dissipation factor, 100Hz | 500 | E-4 | IEC 60250 |
| Volume resistivity | 1E9 | Ohm*m | IEC 60093 |
| Surface resistivity | 1E10 | Ohm | IEC 60093 |
| Electric strength | 30 | kV/mm | IEC 60243-1 |
| Other properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Density | 1610 | kg/m ³ | ISO 1183 |
| Characteristics | | | |
| Processing | | Chemical Resistance | |
| Injection Molding, Compression Molding | | General Chemical Resistance | |
| Special Characteristics | | Applications | |
| Heat stabilized or stable to heat | | Electrical and Electronical | |